CUSTOME	ER NO.: 67519					Sheet _1_	of _7_	e.
FORM PTO-1449 INFORMATION DISCLOSURE CITATION				Docket Number (Optional) Application Number				
				460.1844USV1 10/766,604 Applicant				
INFO	IN AN APPLICA		TION	Williams				
				Filing Date		Group Art Unit		
	(Use several sheets if	necessary)		January 27, 2004		3761		
		U	. S. PATEN	T DOCUMENTS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME		S SUBCLASS		DATE IF
	3,340,875	09/1967	DUDLEY E	ET AL.				
	3,939,838	02/1976	FUJINAMI	ET AL.				
	3,948,257	04/1976	BOSSAK					
	4,237,591	12/1980	GINOCCHI	0				
	4,289,513	09/1981	BROWNHI	LL ET AL.				
	4,525,410	06/1985	HAGIWAR	A ET AL.				
	4,529,623	07/1985	MAGGS					
	4,547,195	10/1985	JACKSON					
	4,583,980	04/1986	SCHNEIDE	R ET AL.				
	4,657,808	06/1987	MAGGS					-
	4,724,242	02/1988	VASSILEF	F				
		FOF	EIGN PATE	NT DOCUMENTS	;			
								lation
	DOCUMENT NUMBER	DATE	-	COUNTRY	CLAS	SUBCLASS	YES	NO
	CN 1016491	05/1992	CHINA (w/	English abstract)	A 61	F 5/44	XXX	
	WO 91/11977	08/1991	WIPO		A 41	B 9/12	XXX	
	EP 41569	10/1984	EUROPE		A 41	B 13/02	XXX	
	WO 85/02848	07/1985	WIPO		C 07	F 7/02	XXX	
	JP 61-500843	05/1986	JAPAN (w/	English abstract)	C 01	B 33/28	XXX	
	OTHER	DOCU	/IENTS (includ	ling Author, Title, Date, Pert	inent Page	s, Etc.)		
	*Notification of Fi	st Office	Action dated Ju	ine 4, 2004 from Chin	ese Pater	nt Appln No.: 99	806354	.1
	*Notification of Se	cond Offic	e Action dated	January 28, 2005 fro	m Chine:	se Patent Appln	No.:	
	99806354.1			•		••		
	*Notification of Th	ird Office	Action dated J	uly 15, 2005 from Ch	inese Pat	ent Appln No.:	9980635	64.1
	*Notification of Fo	urth Office	Action dated	March 17, 2006 from	Chinese	Patent Appln N	o.: 9980	6354.1
	*Notification of Fit	th Office	Action dated A	ugust 18, 2006 from 0	Chinese I	Patent Appln No	.: 99806	354.1
EXAMINER				DATE CONSIDERED		**		
EXAMINER: Init	ial if citation considered, w	hether or not	citation is in conf	ormance with MPEP §609; I	Draw line t	hrough citation if not	in conform	nance

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FORM PTO-1449	Docket Number (Optional)	Application Number			
	460.1844USV1	10/766,604			
INFORMATION DISCLOSURE CITATION	Applicant				
IN AN APPLICATION	Williams				
	Filing Date	Group Art Unit			
(Use several sheets if necessary)	January 27, 2004	3761			

HIS DATENT DOCUMENTS

0. S. I ATENI BOCOMENIS								
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	4,743,237	05/1988	SWEERE					
	4,795,482	01/1989	GIOFFRE ET AL.					
	5,037,412	08/1991	TANZER ET AL.					
	5,122,407	06/1992	YEO ET AL.					
	5,306,487	04/1994	KARAPASHA ET AL.					
	5,342,333	08/1994	TANZER ET AL.					
	5,364,380	11/1994	TANZER ET AL.					
	5,407,442	04/1995	KARAPASHA					
	5,429,628	07/1995	TRINH ET AL.					
	5,580,851	12/1996	TRINH ET AL.					
	H 1732	06/1998	JOHNSON					

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Trans YES	lation NO
JP 01-299206	12/1989	JAPAN (w/ English abstract)	A 01 N	61/00	XXX	
JP 03-000057	01/1991	JAPAN (w/ English abstract)	A 61 F	13/15	XXX	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

*Office Action dated March 19, 2001 from US Patent Appln No.: 09/062,993 *Office Action dated November 24, 2000 from US Patent Appln No.: 09/062,993

*Office Action dated May 24, 2000 from US Patent Appln No.: 09/062,993 *Office Action dated March 24, 2000 from US Patent Appln No.: 09/062,993

*Office Action dated May 9, 2003 from US Patent Appln No.: 09/977,752

*Office Action dated November 14, 2002 from US Patent Appln No.: 09/977,752

DATE CONSIDERED EXAMINER

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

CUSTOME	R NO.: 67519						Sheet 3	of <u>7</u> .	
FORM PTO-1449				Docket Number (Optional) Application Number					
INFORMATION DISCLOSURE CITATION IN AN APPLICATION				460.1844USV1 10/766,604 Applicant					
				Williams					
				Filing Date		Gro	up Art Unit		
	(Use several sheets if r	ecessary)		January 27, 2004		37	61		
		U	. S. PATEN	T DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLAS	s	SUBCLASS	FILING I APPRO	
	3,922,723	12/1975	POPPER						
	5,733,272	03/1998	BRUNNER	ET AL.					
	5,944,933	08/1999	HELLER E	ΓAL.					
	4,911,898	03/1990	HAGIWAR	A ET AL.					
	4,911,899	03/1990	HAGIWAR	A ET AL.					
	5,744,404	04/1998	TITTERTO	N ET AL.					
	5,120,693	06/1992	CONNOLL	Y ET AL.					
	4,959,268	09/1990	HAGIWAR	A ET AL.					
	5,552,378	09/1996	TRINH ET	AL.					
	5,543,157 08/1996 TRINH ET			AL.					
	5,571,782	11/1996	TRINH ET	AL.					
		FOR	EIGN PATE	NT DOCUMENTS					
						Trans	lation		
	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	s	SUBCLASS	YES	NO
	OTHER	DOCUM	MENTS (includ	ling Author, Title, Date, Pert	inent Page	s, E	tc.)		
	*Office Action date	d July 19,	2002 from US	S Patent Appln No.: 09	/977,752	2			
	*Office Action date	ed March	1, 2002 from	US Patent Appln No.:	09/977,	752			
	*Examiner's First	Report date	ed November	14, 2001 from Australia	n Paten	t Aŗ	pln No.: 386	37/99	
	*Examiner's Secon	d Report o	lated May 15,	2002from Australian I	atent A	pplr	No.: 38637/	99	
	*Examination Repo	ort dated Ja	nuary 12, 201	0 from European Pater	ıt Appln	No	.: 99 921 41:	5.8-1219	,
	*Written Opinion of	lated Dece	mber 3, 1999	from International App	ln No.:	PC7	/US99/0866	8	
EXAMINER				DATE CONSIDERED					
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FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				Docket Number (Optional) Application Number					
				460.1844USV1 10/766,604 Applicant					
				Williams					
				Filing Date		Group Art Unit			
				January 27, 2004		3761			
		U	. S. PATEN	T DOCUMENTS					
EXAMINER							FILING DATE IF		
INITIAL	DOCUMENT NUMBER	DATE		NAME	CLAS	S SUBCLASS	APPRO	PRIATE	
	3,572,341	03/1971	GLASSMA	N					
	6,353,146	03/2002	WILLIAMS	3					
	4,724,242	02/1988	VASSILEF	F					
	5,161,686	11/1992	WEBER ET	`AL.		ı			
	5,432,000	07/1995	YOUNG ET	ΓAL.					
	5,538,783	07/1996	HANSEN E	T AL.					
	5,909,884	06/1999	SCHWANK	HART					
	6,096,299	08/2000	GUARRAC	INO ET AL.					
	4,437,429	03/1984	GOLDSTEI	N ET AL.					
	4,648,977	03/1987	GARG ET A	AL.					
	5,681,475	10/1997	LAMENSD	ORF ET AL.					
		FOF	REIGN PATE	ENT DOCUMENTS	3				
							Translation YES NO		
	DOCUMENT NUMBER	DATE		COUNTRY	CLAS	S SUBCLASS	YES	NO	
	OTHE	R DOCUI	MENTS (includ	ding Author, Title, Date, Per	tinent Page	es, Etc.)			
	*International Pre	liminary Ex	camination Re	port dated March 24, 2	000 fror	n International A	Appln No	o.:	
	PCT/US99/08668								
	*International Sea	rch Report	dated July 21,	1999 from Internation	al Appli	1 No.: PCT/US9	9/08668		
	*Preliminary Repo	ort received	August 26, 19	999 from Chilean App	In No.: 7	49-99			
	*Further Report received February 21, 2000 from Chilean Appln No.: 749-99								
				28, 2004 from Chilean					
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	6,702,797	03/2004	WILLIAMS	3					
	H 1579	08/1996	FURIO						
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	*translation of Off	fice Action	dated May 9	2003 from Venezuela	n Appln	No	: 99-698		
	*translation of Of	fice Action	dated Februa	ry 27, 2003 from Vene	zuelan	App	ln No.: 99-69	8	
				Mexican Appln No.: (
				from Mexican Appln l		230			
	*Official Action of	lated May	7, 2010 from	Mexican Appln No.: P	A/a/200	3/00	8315		
	*Examiner's Grou	inds for Re	ejection dated	April 20, 2006 from K	orean A	pplr	No.: 10-200	00-70116	541
EXAMINER				DATE CONSIDERED					

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CUSTOMER NO.: 67519 Sheet 6 of 7 FORM PTO-1449 Docket Number (Optional) Application Number 460.1844USV1 10/766,604 INFORMATION DISCLOSURE CITATION Applicant IN AN APPLICATION Williams Filing Date Group Art Unit (Use several sheets if necessary) January 27, 2004 3761 U. S. PATENT DOCUMENTS EXAMINER FILING DATE IF INITIAL DOCUMENT DATE NAME CLASS SUBCLASS. APPROPRIATE NUMBER FOREIGN PATENT DOCUMENTS Translation DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NUMBER OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) *Office Action dated November 26, 1999 from Argentine Patent Appln No.: P/99/01/01823 *translation of Office Action dated October 20, 2003 from Norway Patent Appln No.: 2000 5253 *translation of Office Action dated July 16, 2003 from Norway Patent Appln No.: 2000 5253 *translation of Office Action dated April 30, 2003 from Norway Patent Appln No.: 2000 5253 *translation of Office Action dated October 21, 2002 from Norway Patent Appln No.: 2000 5253 *Notification of Reason for Rejection dated February 17, 2009 from Japanese Appln No.: 2000-544290 EXAMINER DATE CONSIDERED EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance

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FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION				Docket Number (Optional) Application Number					
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				Applicant Williams					
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